Smartphone Accessories for location interview photography

The following items are required Smartphone additions to improve remote interview shooting techniques:

- These items are based on iPhones requiring Lightning connection for audio connection (iPhone 7 and higher)
- Many items can be used with older iPhones or Android phones requiring 3.5mm input connector, please **contact Tim Yuge for more information (ascequip@usc.edu)**

- ***Recommended brands are listed below this section***
    - Some **required** items include:
        - Adapter for connecting accessories to a smartphone (iPhone or Android)
        - Hand microphone
    - Some **recommended** items include:
        - Portable battery for charging smartphone
        - Hand grip - to help stabilize picture, includes ability to mount on tripod
        - Cold shoe swivel mount adapter for hand grip
        - Shotgun mic (2 types: Saramonic & Rodes):
            - Saramonic - requires recommended hand grip for mounting
                - Requires cold shoe swivel mount for proper mic alignment to subject
            - Rode - exclusively for iPhones that have "Lightning" adapter input
    - Some **optional** items include:
        - Headphones (Closed-ear type)
        - Lavalier microphone - Optional
        - Table top tripod
        - Tripod adapter to attach smartphone to tripod head - higher quality

- The following is a specific list of above items, other brands or similar items may be used if compatible to the individual's smartphone
    - Most of the prices are based on Amazon.com pricing and includes a link. Items can be purchased from other retail outlets or on-line suppliers. We do not advocate Amazon purchasing, we are only using their site as a reference guide.
    - Items:
        - **Belkin 3.5mm Audio + Charge Rockstar Adapter** *(Required Item)*
            - Required for iPhone 7 and above (Lightning cable input only)
            - Connects audio accessories having 3.5mm connector plug and at same time allows for charging cable to be connected
            - Cost approx. = $35
        - https://www.amazon.com/Belkin-Charge-Rockstar-Adapter-Charging/dp/B01LXFKSNA?th=1
        - **Sescom Smartphone 3.5mm TRRS to 3.5mm Mic Jack & 3.5mm Monitor Jack** *(Required for Android phones)*
            - https://www.bhphotovideo.com/c/product/813385-REG/Sescom_IPHONE_MIC35_1_iPhone_iPod.html/overview
            - Cost approx. = $30
        - **Dayleer Selfie Stick Tripod, All in 1 Portable Extendable Selfie Stick** *(Recommended item)*
            - https://www.amazon.com/Ultra-Long-Extendable-Aluminum-Bluetooth-Samsung/dp/B07THJ8NH7/ref=sr_1_4?crid=1G8PV33NNUCZC&dchild=1&keywords=dayleer+selfie+stick+tripod&qid=1613778782&sprefix=dayleer+selfie+stick%2Caps%2C235&sr=8-4
            - Cost approx. = $30

- **iRig Hand Held Condensor Mic (HD2)** *(Required item)*
  - Hand mic includes connection for headphone*
  - Cost approx. = $39
  - https://www.amazon.com/IK-Multimedia-handeld-condenser-smartphones/dp/B004IA8F50
    - **Note headphone jack monitors the sound directly from microphone. Does not monitor the "live" actual recording on the smartphone.*
- **Mobile smartphone charger - 10,000mAh** *(Recommended item)*
  - Spare battery to charge smartphone on location
  - Cost approx. = $30 and up - Price varies according to capacity of battery
  - Battery power should match power requirements of smartphone
  - Minimum 10,000mAh recommended for 2 or 3 charges for newer smartphones
  - Brand example: Mophie, Anker, Power Bank, etc.
- **Fantaseal Ergonomic Hand Grip for Smartphone** *(Recommended Item)*
  - Economic grip to help stabilize smartphone (this is NOT a gimble)
  - Mount can be attached to a standard tripod or guerilla tripod
  - Cost approx. = $19
  - Ergonomic Smartphone Vlogging Hand Grip Stabilizer Mobile Cell Phone Video Recording Holder Rig Handle Travel Selfie Stick Clamp Mount for 60mm-100mm Width iPhone Samsung (Landscape+Portrait Mode)
- **SMALLRIG Shoe Adapter 1/4" Camera Hot Shoe Mount** *(Recommended item)*
  - For mounting shotgun mic to hand grip
  - Necessary for proper alignment of shotgun mic to subject
  - Cost approx. = $7
  - https://www.amazon.com/SMALLRIG-Monitor-Additional-Panasonic-Fujifilm/dp/B0062TVHBE/ref=redir_mobile_desktop?ie=UTF8&aaxitk=qNN5AcksEXLQPLKlVAzzqw&hsa_cr_id=9094990400501&ref_=sbx_be_s_sparkle_mcd_asin_0
  - Similar product at B&H:
    - CAMVATE C1488 Mini Ball Head with Cold Shoe and Bottom Shoe Mount
    - https://www.bhphotovideo.com/c/product/1369270-REG/camvate_c1488_hot_shoe_and_cold.html
- **Saramonic VMICMINI Vmic Mini Shotgun Microphone** *(Recommended Item)*
  - Shotgun mic WITH hotshoe will mount to (above listed) Fantaseal Hand Grip
  - No battery required
  - Comes with windscreen
  - Cost approx. = $59
  - https://www.amazon.com/Saramonic-SR-UM9-C35-Replacement-Connector-Microphone/dp/B06XT16Y35
- **Rode Videomic ME-L Directional Shotgun Mic** *(Optional item)*
  - Shotgun mic plugs directly into iPhone lightning connection (iPhone 7 and above)
  - Does not mount to hand grip
  - Cost approx.= $80
  - https://www.bhphotovideo.com/c/product/1419053-REG/rode_videomic_me_l_directional_microphone_for_iphone.html/DFF/d10-v21-t1-x905400/SID/EZ
- **BOYA M1 Lavalier Microphone** *(Optional item)*
  - Lavalier microphone for hands free audio mic
  - Cost approx. = $25
  - https://www.amazon.com/BOYA-Lavalier-Microphone-Smartphones-Camcorders/dp/B00MRMU2HU
- **Joby GripTight PRO Smartphone Mount** *(Optional item)*
  - Adapter to mount smartphone to a tripod (standard or tabletop tripod)

- High quality construction
- Cost approx. = $30
- https://www.amazon.com/Joby-JB01389-Griptight-Mount-Black/dp/B01C7UYBAA

♦ **Headphones** *(Optional item)*
- Monitor audio recording
- Wired or Bluetooth (if wired, minimal cost approx. $20 is recommended-e.g.: Sony MDR-ZX110 Headphones)

♦ **Joby Guerilla Pod: 1K Kit** *(Optional item)*
- Table top tripod, can also be used as a hand grip for smartphone
- Cost approx. = $35
- https://www.bhphotovideo.com/c/product/1359599-REG/joby_jb01503_gorillapod_1k_kit.html

https://www.amazon.com/dp/B0792V6T4P/ref=sspa_dk_detail_1?psc=1&pd_rd_i=B0792V6T4P&pd_rd_w=05cVa&pf_rd_p=48d372c1-f7e1-4b8b-9d02-4bd86f5158c5&pd_rd_wg=EI78z&pf_rd_r=WFYAQ2RXF9EX407HJATS&pd_rd_r=4cefbf4e-f095-4856-8c0e-72dbd8867b4e&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUExQlFSV0QxMldSTEdBJmVuY3J5cHRlZElkPUEwMzM2MzQyU1FJMTRXU1ZJVElMJmVuY3J5cHRlZEFkSWQ9QTAwMDU2MzIyUDc0N1E4QlNOOFVBJndpZGdldE5hbWU9c3BfZGV0YWlsJmFjdGlvbj1jbGlja1JlZGlyZWN0JmRvTm90TG9nQ2xpY2s9dHJ1ZQ==